

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/628,568A
Source: 1Fw16
Date Processed by STIC: 5/9/05

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IFW16

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/628,568A

DATE: 05/09/2005
 TIME: 12:24:07

Input Set : A:\Sequence Listing.txt
 Output Set: N:\CRF4\05092005\I628568A.raw

3 <110> APPLICANT: Presta, Leonard G.
 4 Snedecor, Bradley R.
 6 <120> TITLE OF INVENTION: ALTERED POLYPEPTIDES WITH INCREASED HALF-LIFE
 8 <130> FILE REFERENCE: 11669.161USC1
 10 <140> CURRENT APPLICATION NUMBER: US 09/628,568A
 11 <141> CURRENT FILING DATE: 2000-07-31
 13 <150> PRIOR APPLICATION NUMBER: US 08/422,112
 14 <151> PRIOR FILING DATE: 1995-04-14
 16 <160> NUMBER OF SEQ ID NOS: 31
 18 <170> SOFTWARE: PatentIn version 3.3
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 8
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Artificial Sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Sequence comprising a salvage receptor binding epitope
 28 <400> SEQUENCE: 1
 30 His Gln Asn Leu Ser Asp Gly Lys
 31 1 5
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 8
 36 <212> TYPE: PRT
 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: Sequence comprising a salvage receptor binding epitope
 42 <400> SEQUENCE: 2
 44 His Gln Asn Ile Ser Asp Gly Lys
 45 1 5
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 11
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Artificial Sequence
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: Sequence comprising a salvage receptor binding epitope
 56 <400> SEQUENCE: 3
 58 Pro Lys Asn Ser Ser Met Ile Ser Asn Thr Pro
 59 1 5 10
 62 <210> SEQ ID NO: 4
 63 <211> LENGTH: 98
 64 <212> TYPE: PRT
 65 <213> ORGANISM: Homo sapiens
 67 <400> SEQUENCE: 4
 69 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys

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70 1 5 10 15
 73 Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 74 20 25 30
 77 Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 78 35 40 45
 81 Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
 82 50 55 60
 85 Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 86 65 70 75 80
 89 Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 90 85 90 95
 93 Arg Val
 97 <210> SEQ ID NO: 5
 98 <211> LENGTH: 98
 99 <212> TYPE: PRT
 100 <213> ORGANISM: Homo sapiens
 102 <400> SEQUENCE: 5
 104 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser Arg
 105 1 5 10 15
 108 Ser Thr Ser Gly Ser Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 109 20 25 30
 112 Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 113 35 40 45
 116 Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
 117 50 55 60
 120 Leu Ser Ser Val Val Thr Val Pro Ser Ser Asn Phe Gly Thr Gln Thr
 121 65 70 75 80
 124 Tyr Thr Cys Asn Val Asp His Lys Pro Ser Asn Thr Lys Val Asp Lys
 125 85 90 95
 128 Thr Val
 132 <210> SEQ ID NO: 6
 133 <211> LENGTH: 98
 134 <212> TYPE: PRT
 135 <213> ORGANISM: Homo sapiens
 137 <400> SEQUENCE: 6
 139 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser Arg
 140 1 5 10 15
 143 Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 144 20 25 30
 147 Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 148 35 40 45
 151 Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
 152 50 55 60
 155 Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 156 65 70 75 80
 159 Tyr Thr Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 160 85 90 95
 163 Arg Val
 167 <210> SEQ ID NO: 7

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168 <211> LENGTH: 98
 169 <212> TYPE: PRT
 170 <213> ORGANISM: Homo sapiens
 172 <400> SEQUENCE: 7
 174 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser Arg
 175 1 5 10 15
 178 Ser Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 179 20 25 30
 182 Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 183 35 40 45
 186 Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
 187 50 55 60
 190 Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Lys Thr
 191 65 70 75 80
 194 Tyr Thr Cys Asn Val Asp His Lys Pro Ser Asn Thr Lys Val Asp Lys
 195 85 90 95
 198 Arg Val
 202 <210> SEQ ID NO: 8
 203 <211> LENGTH: 107
 204 <212> TYPE: PRT
 205 <213> ORGANISM: Homo sapiens
 207 <400> SEQUENCE: 8
 209 Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu
 210 1 5 10 15
 213 Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe
 214 20 25 30
 217 Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln
 218 35 40 45
 221 Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser
 222 50 55 60
 225 Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu
 226 65 70 75 80
 229 Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser
 230 85 90 95
 233 Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
 234 100 105
 237 <210> SEQ ID NO: 9
 238 <211> LENGTH: 105
 239 <212> TYPE: PRT
 240 <213> ORGANISM: Homo sapiens
 242 <400> SEQUENCE: 9
 244 Gln Pro Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser Glu
 245 1 5 10 15
 248 Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser Asp Phe
 249 20 25 30
 252 Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser Ser Pro Val
 253 35 40 45
 256 Lys Ala Gly Val Glu Thr Thr Pro Ser Lys Gln Ser Asn Asn Lys
 257 50 55 60

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260 Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro Glu Gln Trp Lys Ser
 261 65 70 75 80
 264 His Arg Ser Tyr Ser Cys Gln Val Thr His Glu Gly Ser Thr Val Glu
 265 85 90 95
 268 Lys Thr Val Ala Pro Thr Glu Cys Ser
 269 100 105
 272 <210> SEQ ID NO: 10
 273 <211> LENGTH: 100
 274 <212> TYPE: PRT
 275 <213> ORGANISM: Artificial Sequence
 277 <220> FEATURE:
 278 <223> OTHER INFORMATION: Humanized Fab v1b variant
 280 <400> SEQUENCE: 10
 282 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Pro Lys
 283 1 5 10 15
 286 Asn Ser Ser Met Ile Ser Asn Thr Pro Ala Leu Gly Cys Leu Val Lys
 287 20 25 30
 290 Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu
 291 35 40 45
 294 Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu
 295 50 55 60
 298 Tyr Ser Leu Ser Ser Val Val Thr Val Pro His Gln Ser Leu Gly Thr
 299 65 70 75 80
 302 Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val
 303 85 90 95
 306 Asp Lys Arg Val
 307 100
 310 <210> SEQ ID NO: 11
 311 <211> LENGTH: 7
 312 <212> TYPE: PRT
 313 <213> ORGANISM: Artificial Sequence
 315 <220> FEATURE:
 316 <223> OTHER INFORMATION: Sequence comprising a salvage receptor binding epitope
 318 <400> SEQUENCE: 11
 320 His Gln Ser Leu Gly Thr Gln
 321 1 5
 324 <210> SEQ ID NO: 12
 325 <211> LENGTH: 29
 326 <212> TYPE: DNA
 327 <213> ORGANISM: Artificial Sequence
 329 <220> FEATURE:
 330 <223> OTHER INFORMATION: Oligonucleotide
 332 <400> SEQUENCE: 12
 333 gtgaccgtgc ctcaccagag cttgggcac 29
 336 <210> SEQ ID NO: 13
 337 <211> LENGTH: 53
 338 <212> TYPE: DNA
 339 <213> ORGANISM: Artificial Sequence
 341 <220> FEATURE:

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342 <223> OTHER INFORMATION: Oligonucleotide
344 <400> SEQUENCE: 13
345 tggcaccctc ccctaagaac tcgagcatga tcagcaacac accggccctg ggc 53
348 <210> SEQ ID NO: 14
349 <211> LENGTH: 11
350 <212> TYPE: PRT
351 <213> ORGANISM: Artificial Sequence
353 <220> FEATURE:
354 <223> OTHER INFORMATION: Constant region sequence
356 <400> SEQUENCE: 14
358 Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala
359 1 5 10
362 <210> SEQ ID NO: 15
363 <211> LENGTH: 13
364 <212> TYPE: PRT
365 <213> ORGANISM: Artificial Sequence
367 <220> FEATURE:
368 <223> OTHER INFORMATION: Sequence comprising a salvage receptor binding epitope
370 <400> SEQUENCE: 15
372 Ser Pro Lys Asn Ser Ser Met Ile Ser Asn Thr Pro Ala
373 1 5 10
376 <210> SEQ ID NO: 16
377 <211> LENGTH: 34
378 <212> TYPE: DNA
379 <213> ORGANISM: Artificial Sequence
381 <220> FEATURE:
382 <223> OTHER INFORMATION: Oligonucleotide
384 <400> SEQUENCE: 16
385 tggcaccctc caaatcgagc atcacagcgg ccct 34
388 <210> SEQ ID NO: 17
389 <211> LENGTH: 9
390 <212> TYPE: PRT
391 <213> ORGANISM: Artificial Sequence
393 <220> FEATURE:
394 <223> OTHER INFORMATION: Constant region sequence
396 <400> SEQUENCE: 17
398 Ser Ser Lys Ser Thr Ser Gly Gly Thr
399 1 5
402 <210> SEQ ID NO: 18
403 <211> LENGTH: 6
404 <212> TYPE: PRT
405 <213> ORGANISM: Artificial Sequence
407 <220> FEATURE:
408 <223> OTHER INFORMATION: Constant region sequence
410 <400> SEQUENCE: 18
412 Ser Lys Ser Ser Ile Thr
413 1 5
416 <210> SEQ ID NO: 19
417 <211> LENGTH: 44

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/628,568A

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